

Converting Colors

Yxy(83.3981, 0.3119, 0.3027)

Have a look what the booklet for
Yxy(83.3981, 0.3119, 0.3027)
contains.

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Color

Yxy(83.4023, 0.3119, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	FCE4FF
RGB	252, 228, 255
RGB Percent	99%, 89%, 100%
CMY	0.0118, 0.1059, 0.0000
CMYK	0.01, 0.11, 0.00, 0.00
HSL	293°, 100%, 95%
HSV	293°, 11%, 100%
XYZ	85.9372, 83.4023, 106.1885
YIQ	238.2540, 5.6370, 13.4850

Conversions

Conversions Part 2

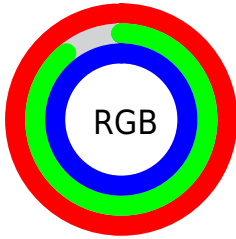
Format	Color
R_{YB}	252, 228, 255
Decimal	16573695
CIE _{Lab}	93.19, 12.84, -10.08
CIE _{LCh}	93, 16.321, 321.871
Yxy	83.4023, 0.3119, 0.3027
Android (android.graphics.Color)	4294763775 (0xFFFFCE4FF)
YUV	238.2540, 8.2558, 12.0552
Hunter-Lab	91.3249, 8.1509, -5.0124

Details

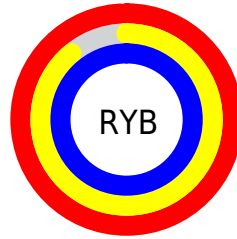
The Yxy color **83.4023, 0.3119, 0.3027** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94.1137, 0.3133, 0.3564**, and the grayscale version is **85.6393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.5665, 0.3116, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **69.8667, 0.3109, 0.2770**, and if you desaturate by 10%, it is **99.0202, 0.3127, 0.3276**.

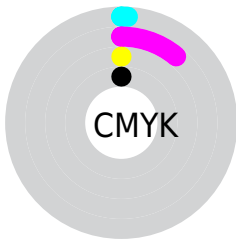
Distribution



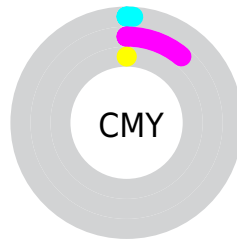
- Red (99%)
- Green (89%)
- Blue (100%)



- Red (99%)
- Yellow (89%)
- Blue (100%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.4023, 0.3119, 0.3027 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 83.4023, 0.3119, 0.3027 by changing the saturation by 10% instead.

 83.4023, 0.3119,
0.3027

 83.4023, 0.3119,
0.3027


506.3263, 0.3124,
0.3143

 62.5221, 0.3118,
0.3002


138.1388, 0.3121,
0.3066

 45.4547, 0.3116,
0.2971


172.7638, 0.3121,
0.3082

 31.8157, 0.3114,
0.2933


212.7393, 0.3122,
0.3096

 21.2208, 0.3111,
0.2884

258.4495, 0.3122,
0.3107

 13.2855, 0.3106,
0.2820

310.2789, 0.3123,
0.3118

 7.6254, 0.3099,
0.2733

368.6120, 0.3123,

 3.8562, 0.3086,

0.3127

0.2607

433.8329, 0.3123,
0.3136

■ 1.5935, 0.3062,
0.2407

■ 0.3532, 0.3096,
0.1684

■ 83.4023, 0.3119,
0.3027

■ 83.4023, 0.3119,
0.3027

■ 69.8667, 0.3109,
0.2770

99.0202, 0.3127,
0.3276

■ 58.3154, 0.3095,
0.2511

100.0000, 0.3127,
0.3290

■ 48.6540, 0.3078,
0.2258

■ 40.7775, 0.3057,
0.2022

■ 34.5705, 0.3034,
0.1813

■ 29.9040, 0.3008,
0.1641

■ 26.6302, 0.2980,
0.1512

■ 24.5723, 0.2951,
0.1428

■ 23.4811, 0.2924,
0.1384

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.4023, 0.2939, 0.2975



83.4023, 0.3119, 0.3027



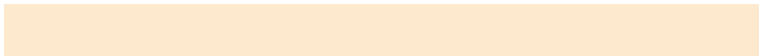
83.4023, 0.3306, 0.3144

Triad

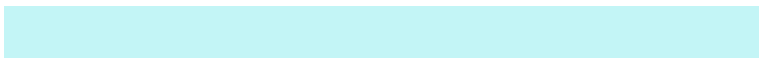
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4023, 0.3119, 0.3027



83.4023, 0.3449, 0.3576



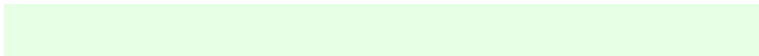
83.4023, 0.2816, 0.3269

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



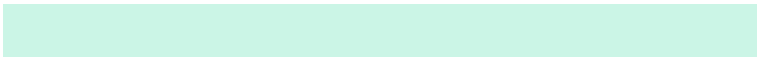
83.4023, 0.3119, 0.3027



94.1137, 0.3133, 0.3564

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4023, 0.2946, 0.3442



83.4023, 0.3119, 0.3027



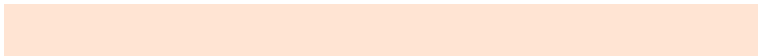
83.4023, 0.3311, 0.3622

Square

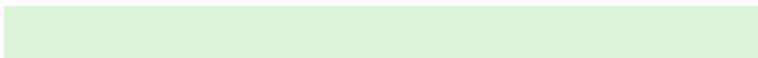
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.4023, 0.3119, 0.3027



83.4023, 0.3500, 0.3456



83.4023, 0.3127, 0.3574



83.4023, 0.2768, 0.3108

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.4023, 0.3119, 0.3027



83.4023, 0.3409, 0.3244



83.4023, 0.3127, 0.3574



83.4023, 0.2852, 0.3328

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83.4049, 0.3119, 0.3027



95.0544, 0.3125, 0.3217



80.9551, 0.2961, 0.3047



20.0696, 0.3125, 0.3197



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4049, 0.3119, 0.3027



79.9487, 0.3117, 0.2966



83.3226, 0.3206, 0.3127



18.1915, 0.3120, 0.3055



12.3106, 0.2929, 0.1387



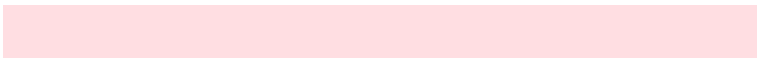
1.2267, 0.2963, 0.1406

Inverse Universe

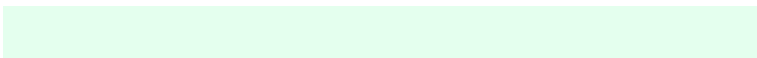
The Inverse Universe completely reimagines the original color for something new.



82.5217, 0.3296, 0.3261



78.8890, 0.3340, 0.3254



94.2092, 0.3056, 0.3458



18.0200, 0.3277, 0.3264



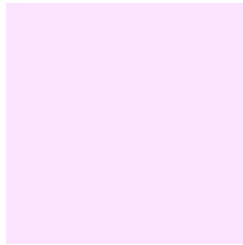
11.1642, 0.6270, 0.3228



1.0972, 0.6041, 0.3102

Previews

White Background



This preview shows how the Yxy color 83.4023, 0.3119, 0.3027 looks on a white background.

Color Contrast Check

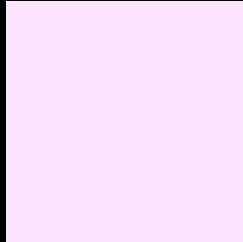
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 83.4023, 0.3119, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

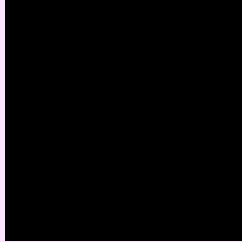
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

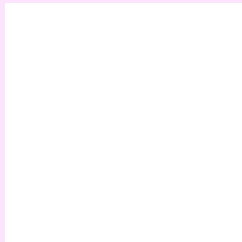
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.4023, 0.3119, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 83.4023, 0.3119, 0.3027.

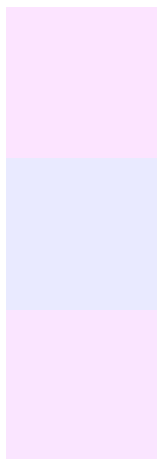


This preview shows how white text looks on a background with the Yxy color 83.4023, 0.3119, 0.3027.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83.4023, 0.3119, 0.3027

Protanopia

83.3893, 0.2993, 0.3078

Deuteranopia

83.5826, 0.3105, 0.3036



Tritanopia

83.2633, 0.3163, 0.3113

Trichromacy



Original Color

83.4023, 0.3119, 0.3027

Protanomaly

83.4585, 0.3038, 0.3061

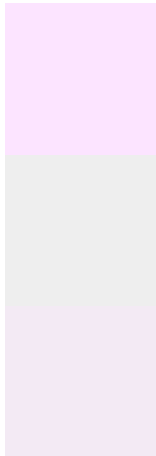
Deuteranomaly

83.7679, 0.3112, 0.3036

Tritanomaly

83.4500, 0.3144, 0.3084

Monochromacy



Original Color

83.4023, 0.3119, 0.3027

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

84.4320, 0.3125, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.4023, 0.3119, 0.3027 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 228, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 228, 255) }
```

Border

The CSS property to change the border of an element to Yxy 83.4023, 0.3119, 0.3027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 228, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(252, 228, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 228,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 83.4023, 0.3119, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 228, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
228, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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